



DAMES & MOORE

A PROFESSIONAL LIMITED PARTNERSHIP

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SDMS Document



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January 11, 1988

Chief, Site Investigation and Compliance Branch
Emergency and Remedial Response Division
U.S. Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Attention: SCP - Carlstadt Project Officer

Dear Sir:

Attached is the December, 1987 Progress Report for RI/FS project at the SCP Carlstadt site. This report has been prepared by Dames & Moore, on behalf of the Committee representing the Respondents named in the Administrative Order on Consent No. II CERCLA-50114, in accordance with Paragraph 28B of the Order.

Very truly yours,

DAMES & MOORE

Gerard M. Coscia

Gerard M. Coscia, P.E.
Project Manager

GMC/jhm
Attachment

cc: Chief, Superfund Branch
Office of Regional Counsel
U.S. Environmental Protection Agency
Room 437
26 Federal Plaza
New York, New York 10278

T. Armstrong
General Electric

J. Koczan
Dames & Moore

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ATTACHMENT 1

SCP RI/FS PROGRESS REPORT DECEMBER 1987

PROGRESS AND STATUS

1. The RI field work (including resampling) was completed on December 14. A total of 61 soil samples were collected for priority pollutant analysis: 17 from 0 to 2 feet, 17 from 5 to 6 feet, 17 from top of clay, 3 from bottom of clay (MW-2D, -5D and -7D), 1 from mid-clay at MW-2D, 1 from mid-clay at MW-5D, 2 from mid-clay at MW-7D, and 3 duplicates. Eleven additional clay samples were collected for volatile organic analysis: 2 from MW-5D, 8 from MW-7D, and 1 duplicate. Eight sediment samples plus one duplicate were collected from Peach Island Creek for priority pollutant analysis. Additionally, 10 field blanks and 10 trip blanks were prepared.
2. The second round of water sampling was performed during the week of December 21. The four surface water samples were collected on December 22, two days after a minor rainfall. These samples correspond to the low tide, low stream flow event. Ten ground water samples plus one duplicate were collected from the seven shallow and three deep wells. All 15 water samples will be analyzed for priority pollutants. Additional samples were collected from MW-3S, -6S, and -7S for split PCB analysis after cleanup. Additionally, three field blanks and three trip blanks were prepared.
3. Five undisturbed clay samples were collected for permeability testing: one from MW-2D, one from MW-5D, and three from MW-7D. Permeability testing and classification testing are in progress for all clay samples collected.
4. The laboratory chemical analysis is in progress. No problems have been encountered thus far with respect to holding times, method detection limits, or general laboratory performance.

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5. No comments on the geophysical data had been received from the EPA by December 31.

TECHNICAL ISSUES

At the location of B-1, two samples were collected within the sludge pit using hand augers: 0 to 2 feet and 5 to 6 feet. The top of clay sample was collected, with EPA concurrence, in a boring adjacent to the pit because the surface of the pit would not support a drill rig (necessary for the deeper sample). All boreholes into the clay (MW-1S, -2D, -5D and -7D) were double-cased to the top of clay (4-inch casing grouted in an 8-inch hole). All boreholes were grouted upon completion.

SCHEDULE

The resampling field work and the second round of water sampling were both completed within schedule (see POP Revision 6 for revised RI schedule).

PLANNED ACTIVITIES — JANUARY 1988

1. Continue laboratory analysis, laboratory data QA review, and site analysis.
2. Meet with EPA on January 7 to discuss overall project schedule.

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